

| Ref # | Hits | Search Query    | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|-----------------|---|------------------|---------|------------------|
| L1    | 657  | 348/308.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/06/12 17:08 |
| L2    | 601  | 348/241.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/06/12 17:08 |
| L3    | 120  | 348/300.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/06/12 17:08 |
| L4    | 110  | 348/301.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/06/12 17:08 |
| L5    | 563  | 348/294.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/06/12 17:08 |
| L6    | 107  | 348/303.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/06/12 17:09 |
| L7    | 358  | 348/302.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/06/12 17:09 |
| L8    | 2636 | 250/208.1.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/06/12 17:09 |

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| L9  | 2503 | 341/144.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/12 17:09 |
| L10 | 2503 | 341/144.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/12 17:09 |
| L11 | 809  | kozlowski\$.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/12 17:09 |
| L12 | 978  | loose\$1.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/12 17:10 |
| L13 | 33   | 11 and (cmos\$1) and (image\$3 or<br>camera\$1) and (pixel\$1 or<br>sensor\$1) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/12 17:16 |
| L14 | 2    | ("20050068439").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/12 17:11 |
| L15 | 2    | ("20030133627").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/12 17:16 |

| Ref # | Hits | Search Query    | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|-----------------|---|------------------|---------|------------------|
| L1    | 657  | 348/308.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/06/12 17:08 |
| L2    | 601  | 348/241.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/06/12 17:08 |
| L3    | 120  | 348/300.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/06/12 17:08 |
| L4    | 110  | 348/301.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/06/12 17:08 |
| L5    | 563  | 348/294.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/06/12 17:08 |
| L6    | 107  | 348/303.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/06/12 17:09 |
| L7    | 358  | 348/302.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/06/12 17:09 |
| L8    | 2636 | 250/208.1.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/06/12 17:09 |

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| L9  | 2503 | 341/144.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/12 17:09 |
| L10 | 2503 | 341/144.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/12 17:09 |
| L11 | 809  | kozlowski\$.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/12 17:09 |
| L12 | 978  | loose\$.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/12 17:10 |
| L13 | 33   | 11 and (cmos\$1) and (image\$3 or camera\$1) and (pixel\$1 or sensor\$1)                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/12 17:35 |
| L14 | 2    | ("20050068439").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/12 17:33 |
| L15 | 2    | ("20030133627").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/12 17:23 |
| L16 | 9    | (column\$1) near10 (buffer\$3) same (digital\$3) near4 (convert\$3) same (bit\$1) same (pixel\$1 or Cmos\$1) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/12 17:28 |

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| L17 | 1    | (column\$1) near10 (buffer\$3) same (digital\$3) near4 (convert\$3) same (12\$1)adj10(bit\$1) same (pixel\$1 or Cmos\$1) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/12 17:28 |
| L18 | 4    | (column\$1) same (buffer\$3) same (digital\$3) near4 (convert\$3) same (12\$1)adj10(bit\$1) same (pixel\$1 or Cmos\$1)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/12 17:28 |
| L19 | 4179 | (cmos\$1 or pixel\$1 or APS) and (12\$1) same (bit\$1) SAME (DIGITAL\$3 OR AD) NEAR10 (CONVERT\$3)                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/12 17:50 |
| L20 | 14   | 11 and (cmos\$1) and (image\$3 or camera\$1) and (pixel\$1 or sensor\$1) and digital                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/12 17:38 |
| L21 | 9    | 12 and (cmos\$1) and (image\$3 or camera\$1) and (pixel\$1 or sensor\$1) and digital                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/12 17:47 |
| L22 | 308  | 19 and pipeline\$1 same (ADC or digital\$1)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/12 17:49 |
| L23 | 58   | 22 and "348"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/12 17:48 |
| L24 | 41   | 23 and buffer\$1   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/12 17:48 |

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| L25 | 50  | 19 and ("12") near10 pipeline\$1 same (ADC or digital\$1)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/12 17:50 |
| L26 | 6   | 25 and camera\$1  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/12 17:56 |
| L27 | 0   | column\$1 near10 (buffer\$1) same (ADC\$1 or digital\$3) same (convert\$3) same (pipeline\$1) and (mos\$1 or cmos\$1 or pixel\$1 or APS\$1) and camera\$1 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/12 18:07 |
| L28 | 0   | column\$1 same (buffer\$1) same (ADC\$1 or digital\$3) same (convert\$3) same (pipeline\$1) and (mos\$1 or cmos\$1 or pixel\$1 or APS\$1) and camera\$1   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/12 18:08 |
| L29 | 4   | column\$1 same (buffer\$1) same (ADC\$1 or digital\$3) same (pipeline\$1) and (mos\$1 or cmos\$1 or pixel\$1 or APS\$1) and camera\$1                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/12 18:14 |
| L30 | 241 | column\$1 same (buffer\$1) and (12bit\$1 or "12" adj1 bit\$1) same (ADC\$1 or digital\$3) and (mos\$1 or cmos\$1 or pixel\$1 or APS\$1) and camera\$1     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/12 18:15 |
| L31 | 46  | 30 and pixel\$1   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/12 18:15 |